



Roper Whitney Hand Punch and Die Catalog

**Standard Round Size
Hand Tools**



An American Tradition Since 1910



How to Order

WHEN ORDERING PLEASE SPECIFY:

- 1) The type of tool or machine the tooling will be used in, if not a Roper Whitney tool or machine; the manufacturer's name and model number.
- 2) The size and type of hole to be punched.
- 3) The 9 digit part number for each punch and each die.
- 4) The type of material and the thickness of the material to be punched.
- 5) The clearance required in the die.
- 6) Any special markings or deviations from standard styles or sizes.

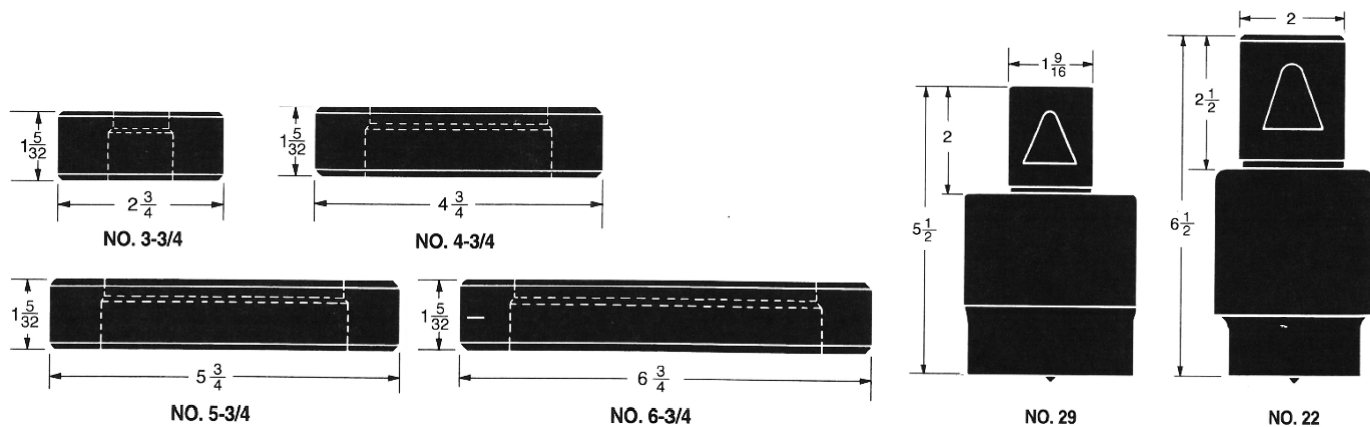
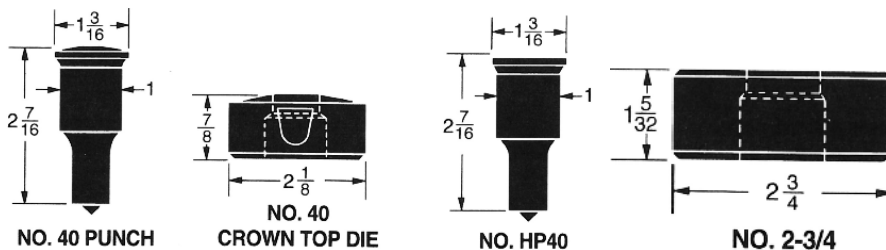
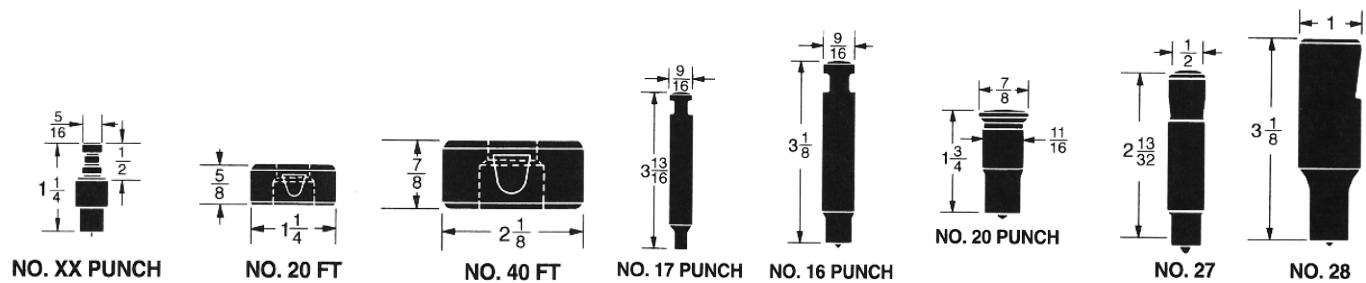
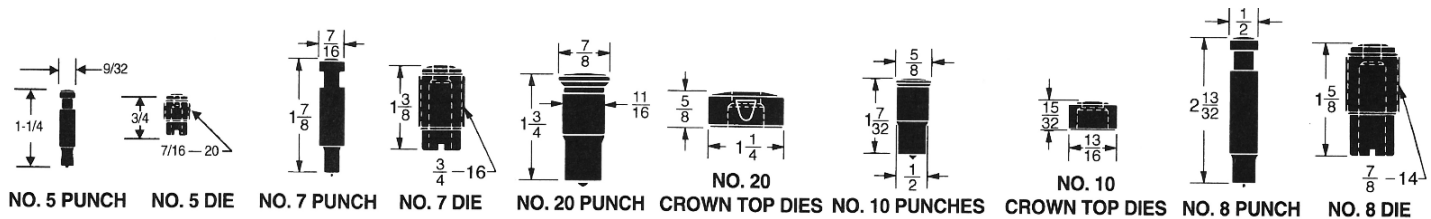
If you should have any questions, please consult our sales department at 1.800.675.6881.

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PUNCH and DIE ORDER FORM

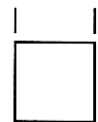
1. WHAT PUNCHING UNIT DO YOU HAVE? _____
2. WHAT SHAPE IS NEEDED (CHOOSE ONE: 1=ROUND, 2=OBOUND-M, 3=RECTANGLE-N, 4=DOUBLE "D"-P, 5=SINGLE "D", 6=TRIANGLES-S, 7=SQUARE-R, 8=SPECIAL SHAPE PLEASE GIVE DRAWING OR SKETCH)? _____
3. SIZE OF SHAPE (TWO DIMENSIONS REQUIRED)? _____
4. BLANKING OR NOT BLANKING? _____
(BLANKING IS WHEN YOU ARE GOING TO SAVE THE PIECE BEING PUNCHED)
5. MATERIAL BEING PUNCHED?
A-MILD STEEL, STAINLESS STEEL, ETC.? _____
B-THICKNESS OF MATERIAL or GAUGE? _____
6. IF YOU ARE NOT SURE WHAT UNIT IT IS, CIRCLE ONE THAT MATCHES THE STYLE PUNCH and DIE BELOW:



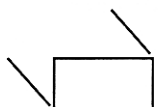
OBOUND
TYPE M



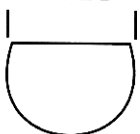
SQUARE
TYPE R



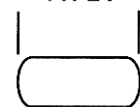
RECTANGLE
TYPE N



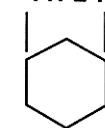
SINGLE "D"
TYPE D



DOUBLE "D"
TYPE P



HEXAGON
TYPE T



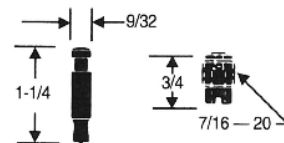
TRIANGLE
TYPE S



NO. 5 JUNIOR HAND PUNCH



TYPE O Round Punches and Dies
Standard Sizes



NO. 5 PUNCH NO. 5 DIE

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/16	0.063	300050063	310050063	200050063	T-9
5/64	0.078	300050078	310050078	200050078	T-9
3/32-42 DS	0.094	300050094	310050094	200050094	T-9
7/64	0.109	300050109	310050109	200050109	T-9
1/8	0.125	300050125	310050125	200050125	T-9
30 DS	0.129	300050129	310050129	200050129	T-9
9/64-28 DS	0.141	300050141	310050141	200050141	T-9
5/32	0.156	300050156	310050156	200050156	T-9
11/64	0.172	300050172	310050172	200050172	T-9
3/16	0.188	300050188	310050188	200050188	T-9
13/64	0.203	300050203	310050203	200050203	T-9
7/32	0.219	300050219	310050219	200050219	T-9
15/64-A DS	0.234	300050234	310050234	200050234	T-9
1/4-E DS	0.250	300050250	310050250	200050250	T-9
17/64-H DS	0.266	300050266	310050266	200050266	T-9
9/32-K DS	0.281	300050281	310050281	200050281	T-9

Part Number 235800007

Replacement Package Consists of 1ea. 3/32, 1/8, 5/32, 3/16, 7/32, 1/4 & 9/32 P&D

Dealer Code T-6

MIN. A: 0.031
MAX. A: 0.281



Size Range				Dealer Code
A	0.063 - 0.109			T-5
A	0.110 - 0.281			T-5

Under 0.063 add 50% to Non Stock P&D.

All round punches with annealed heads. Dealer Code T-5

All round punches with four eccentric slots. Dealer Code T-5

TYPE M Obround Punches and Dies
STANDARD SIZES



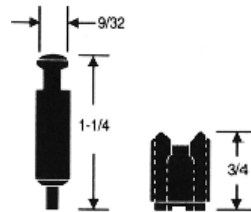
Fractional Size A x B	Decimal Equiv. A x B	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
1/8 x 1/4	0.125 x 0.250	301050816		311050816		T-7
1/8 x 9/32	0.125 x 0.281	301050818		311050818		T-7

Size Range			Dealer Code
0.095 – 0.281			T-5

Width sizes under 0.063 add 50% to the punch and die.
Width sizes 0.63 thru 0.094 add 30% to the punch & die.

OBROUND TYPE M	SQUARE TYPE R	RECTANGLE TYPE N	SINGLE "D" TYPE D	DOUBLE "D" TYPE P	HEXAGON TYPE T	TRIANGLE TYPE S
MAX .281	MAX .197	MAX .277	MAX .281	MAX .281	MAX .241	MAX .219

SPECIAL PURPOSE PUNCHES and DIES

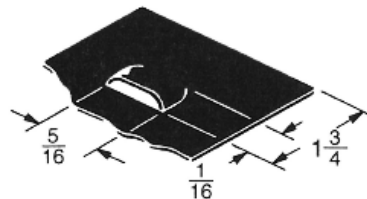


COUNTERSINKING PUNCHES and DIES STANDARD SIZES

Fractional Size A	Decimal Equiv. A	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
3/32	0.94	308050506		318050506		T-7
1/8	0.125	308050508		318050508		T-7
5/32	0.156	308050510		318050510		T-7

For pricing and delivery information on non-stock sizes, consult our sales department.

SNAP LOCK PUNCHES and DIES STANDARD SIZES



Fractional Size A x B	Decimal Equiv. A x B	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
5/16 x 1/16	0.313 x 0.063	308052300		318052300		T-7

For pricing and delivery information on non-stock sizes, consult our sales department.

BUTTON PUNCHES and DIES STANDARD SIZES



3 THICKNESS of 22 GAUGE

Fractional Size	Decimal Equiv.	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
-	-	308050900		318050900		T-7

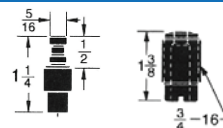
For pricing and delivery information on non-stock sizes, consult our sales department.

FOR PRICING and DELIVERY INFORMATION ON OTHER SPECIAL CONFIGURATION PUNCHES AND DIES NOT LISTED, CONSULT OUR SALES DEPARTMENT.

NO. XX HAND PUNCH



TYPE O Round Punches and Dies
Standard Sizes



NO. XX PUNCH NO. 7 DIE

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/16	0.063	300000063	310070063	200000063	T-7
5/64	0.078	300000078	310070078	200000078	T-7
3/32-42 DS	0.094	300000094	310070094	200000094	T-7
7/64	0.109	300000109	310070109	200000109	T-7
1/8	0.125	300000125	310070125	200000125	T-7
9/64-28 DS	0.141	300000141	310070141	200000141	T-7
5/32	0.156	300000156	310070156	200000156	T-7
11/64	0.172	300000172	310070172	200000172	T-7
3/16	0.188	300000188	310070188	200000188	T-7
13/64	0.203	300000203	310070203	200000203	T-7
7/32	0.219	300000219	310070219	200000219	T-7
15/64-A DS	0.234	300000234	310070234	200000234	T-7
1/4-E DS	0.250	300000250	310070250	200000250	T-7
17/64-H DS	0.266	300000266	310070266	200000266	T-7
9/32-K DS	0.281	300000281	310070281	200000281	T-7
19/64	0.297	300000297	310070297	200000297	T-7
5/16	0.313	300000313	310070313	200000313	T-7
21/64	0.328	300000328	310070328	200000328	T-7
11/32	0.344	300000344	310070344	200000344	T-7
23/64	0.359	300000359	310070359	200000359	T-7
3/8	0.375	300000375	310070375	200000375	T-7
25/34	0.391	300000391	310070391	200000391	T-7
13/32	0.406	300000406	310070406	200000406	T-7
27/64	0.422	300000422	310070422	200000422	T-7
7/16	0.438	300000438	310070438	200000438	T-7
29/64-11.5MM	0.453	300000453	310070453	200000453	T-7
15/32	0.469	300000469	310070469	200000469	T-7
31/64	0.484	300000484	310070484	200000484	T-7
1/2	0.500	300000500	310070500	200000500	T-7
33/64	0.516	300000516	310070516	200000516	T-7
17/32	0.531	300000531	310070531	200000531	T-7

Part Number 235800008

Replacement Package Consists of 1ea. 5/32, 7/32, 9/32, 11/32, 13/32, 15/32 & 17/32 P&D

Dealer Code T-6



NO. XX HAND PUNCH

PRICING FOR NON-STOCK ROUNDS

MIN. A: 0.031
MAX. A: 0.531



Prices for non-stock sizes (drill, millimeter, or fractional)
Determine the A dimension (diameter)

Size Range				Dealer Code
A	0.063 – 0.125			T-5
A	0.126 – 0.531			T-5

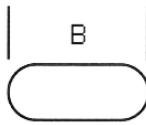
Under 0.063 add 50% to Non Stock P&D.

Fractional Size A x B	Decimal Equiv. A	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
1/4 x 7/16	0.250 x 0.438	301001628		311071628		T-7

Size Range			Dealer Code
0.095 – 0.531			T-5

Width sizes under 0.063 add 50% to the punch and die.
Width sizes 0.63 thru 0.094 add 30% to the punch & die.

OBROUND
TYPE M



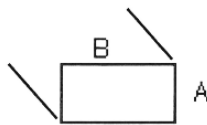
MAX .531

SQUARE
TYPE R



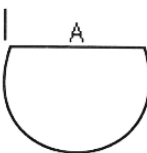
MAX .391

RECTANGLE
TYPE N



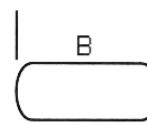
MAX .525

SINGLE "D"
TYPE D



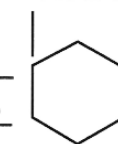
MAX .531

DOUBLE "D"
TYPE P



MAX .531

HEXAGON
TYPE T



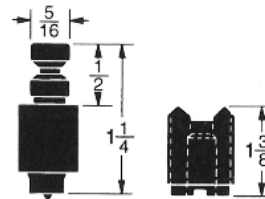
MAX .479

TRIANGLE
TYPE S



MAX .483

SPECIAL PURPOSE PUNCHES and DIES

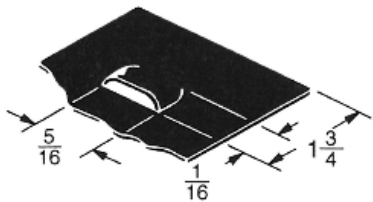


COUNTERSINKING PUNCHES and DIES STANDARD SIZES

Fractional Size A	Decimal Equiv. A	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
3/32	0.094	308050506		318050506		T-7
1/8	0.125	308050508		318050508		T-7
5/32	0.156	308050510		318050510		T-7

For pricing and delivery information on non-stock sizes, consult our sales department.

**SNAP LOCK PUNCHES and DIES
STANDARD SIZES**



Fractional Size A x B	Decimal Equiv. A x B	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
7/16 x 3/32	0.438 x 0.094	308002300		318072300		T-7

For pricing and delivery information on non-stock sizes, consult our sales department.

**BUTTON PUNCHES and DIES
STANDARD SIZES**



3 THICKNESS of 22 GAUGE

Fractional Size	Decimal Equiv.	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
-	-	308000900		318000900		T-7

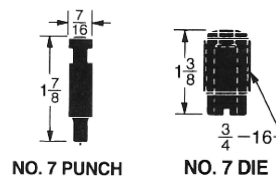
For pricing and delivery information on non-stock sizes, consult our sales department.

**FOR PRICING and DELIVERY INFORAMTION ON OTHER SPECIAL CONFIGURATION PUNCHES
AND DIES NOT LISTED, CONSULT OUR SALES DEPARTMENT.**

NO. 7A HAND PUNCH



TYPE O Round Punches and Dies Standard Sizes



Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/16	0.063	300070063	310070063	200070063	T-7
5/64	0.078	300070078	310070078	200070078	T-7
3/32-42 DS	0.094	300070094	310070094	200070094	T-7
7/64	0.109	300070109	310070109	200070109	T-7
1/8	0.125	300070125	310070125	200070125	T-7
9/64-28 DS	0.141	300070141	310070141	200070141	T-7
5/32	0.156	300070156	310070156	200070156	T-7
11/64	0.172	300070172	310070172	200070172	T-7
3/16	0.188	300070188	310070188	200070188	T-7
13/64	0.203	300070203	310070203	200070203	T-7
7/32	0.219	300070219	310070219	200070219	T-7
15/64-A DS	0.234	300070234	310070234	200070234	T-7
1/4-E DS	0.250	300070250	310070250	20070250	T-7
17/64-H DS	0.266	300070266	310070266	200070266	T-7
9/32-K DS	0.281	300070281	310070281	200070281	T-7
19/64	0.297	300070297	310070297	200070297	T-7
5/16	0.313	300070313	310070313	200070313	T-7
21/64	0.328	300070328	310070328	200070328	T-7
11/32	0.344	300070344	310070344	200070344	T-7
23/64	0.359	300070359	310070359	200070359	T-7
3/8	0.375	300070375	310070375	200070375	T-7
25/34	0.391	300070391	310070391	200070391	T-7
13/32	0.406	300070406	310070406	200070406	T-7
27/64	0.422	300070422	310070422	200070422	T-7
7/16	0.438	300070438	310070438	200070438	T-7



NO. 7A HAND PUNCH

PRICING FOR NON-STOCK ROUNDS

MIN. A: 0.031
MAX. A: 0.438



Prices for non-stock sizes (drill, millimeter, or fractional)
Determine the A dimension (diameter)

Size Range				Dealer Code
A	0.031 – 0.125			T-5
A	0.126 – 0.438			T-5

Under 0.063 add 50% to Non Stock P&D.

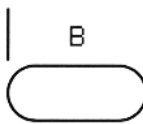
Fractional Size A x B	Decimal Equiv. A	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
1/4 x 7/16	0.250 x 0.438	301071628		311071628		T-7

Size Range			Dealer Code
0.095 – 0.438			T-5

Width sizes under 0.063 add 50% to the punch and die.

Width sizes 0.63 thru 0.094 add 30% to the punch & die.

**OBROUND
TYPE M**



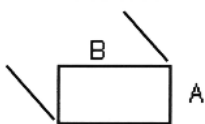
MAX .438

**SQUARE
TYPE R**



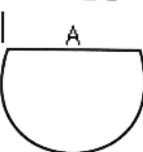
MAX .308

**RECTANGLE
TYPE N**



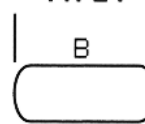
MAX .438

**SINGLE "D"
TYPE D**



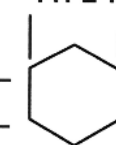
MAX .438

**DOUBLE "D"
TYPE P**



MAX .438

**HEXAGON
TYPE T**



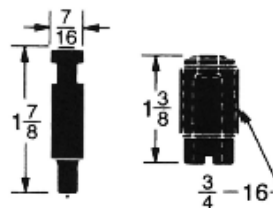
MAX .377

**TRIANGLE
TYPE S**



MAX .375

SPECIAL PURPOSE PUNCHES and DIES



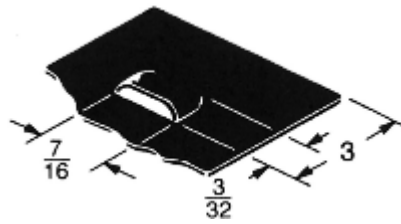
COUNTERSINKING PUNCHES and DIES STANDARD SIZES

Fractional Size A	Decimal Equiv. A	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
3/32	0.94	*308070506		318070506		T-5 PUNCH T-7 DIE
1/8	0.125	*308070508		318070508		T-5 PUNCH T-7 DIE
5/32	0.156	*308070510		318070510		T-5 PUNCH T-7 DIE

*Punches are non-stock; dies are standard and common with the No. XX Hand Punch. For delivery information on punches, consult our sales department.

For pricing information on non-stock sizes, consult our sales department.

SNAP LOCK PUNCHES and DIES STANDARD SIZES



Fractional Size A x B	Decimal Equiv. A x B	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
7/16 x 3/32	0.438 x 0.094	308072300		318072300		T-7

For pricing and delivery information on non-stock sizes, consult our sales department.

BUTTON PUNCHES and DIES STANDARD SIZES



3 THICKNESS of 22 GAUGE

Fractional Size	Decimal Equiv.	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
-	-	308070900		318070900		T-7

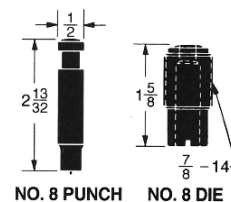
For pricing and delivery information on non-stock sizes, consult our sales department.

FOR PRICING and DELIVERY INFORMATION ON OTHER SPECIAL CONFIGURATION PUNCHES AND DIES NOT LISTED, CONSULT OUR SALES DEPARTMENT.

NO. 8 HAND PUNCH



TYPE O Round Punches and Dies
Standard Sizes



NO. 8 PUNCH NO. 8 DIE

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/16	0.063	300080063	310080063	200080063	T-7
5/64	0.078	300080078	310080078	200080078	T-7
3/32-42 DS	0.094	300080094	310080094	200080094	T-7
7/64	0.109	300080109	310080109	200080109	T-7
1/8	0.125	300080125	310080125	200080125	T-7
9/64-28 DS	0.141	300080141	310080141	200080141	T-7
5/32	0.156	300080156	310080156	200080156	T-7
11/64	0.172	300080172	310080172	200080172	T-7
3/16	0.188	300080188	310080188	200080188	T-7
13/64	0.203	300080203	310080203	200080203	T-7
7/32	0.219	300080219	310080219	200080219	T-7
15/64-A DS	0.234	300080234	310080234	200080234	T-7
1/4-E DS	0.250	300080250	310080250	200080250	T-7
17/64-H DS	0.266	300080266	310080266	200080266	T-7
9/32-K DS	0.281	300080281	310080281	200080281	T-7
19/64	0.297	300080297	310080297	200080297	T-7
5/16	0.313	300080313	310080313	200080313	T-7
21/64	0.328	300080328	310080328	200080328	T-7
11/32	0.344	300080344	310080344	200080344	T-7
23/64	0.359	300080359	310080359	200080359	T-7
3/8	0.375	300080375	310080375	200080375	T-7
25/34	0.391	300080391	310080391	200080391	T-7
13/32	0.406	300080406	310080406	200080406	T-7
27/64	0.422	300080422	310080422	200080422	T-7
7/16	0.438	300080438	310080438	200080438	T-7
29/64-11.5MM	0.453	300080453	310080453	200080453	T-7
15/32	0.469	300080469	310080469	200080469	T-7
31/64	0.484	300080484	310080484	200080484	T-7
1/2	0.500	300080500	310080500	200080500	T-7



NO. 8 HAND PUNCH

PRICING FOR NON-STOCK ROUNDS

MIN. A: 0.031
MAX. A: 0.438



Prices for non-stock sizes (drill, millimeter, or fractional)
Determine the A dimension (diameter)

Size Range				Dealer Code
A	0.031 – 0.125			T-5
A	0.126 – 0.500			T-5

Punch prices with annealed heads.

Dealer Code T-5

Punch prices with four eccentric slots.

Dealer Code T-5

PRICING FOR NON-STOCK SHAPES

Size Range			Dealer Code
0.095 – 0.500			T-5

Width sizes under 0.063 add 50% to the punch and die.

Width sizes 0.63 thru 0.094 add 30% to the punch & die.

OBROUND TYPE M	SQUARE TYPE R	RECTANGLE TYPE N	SINGLE "D" TYPE D	DOUBLE "D" TYPE P	HEXAGON TYPE T	TRIANGLE TYPE S
MAX .500	MAX .352	MAX .495	MAX .500	MAX .500	MAX .431	MAX .406

SPECIAL PURPOSE PUNCHES and DIES

BUTTON PUNCHES and DIES STANDARD SIZES



3 THICKNESS of 22 GAUGE

Fractional Size	Decimal Equiv.	Punch Part Number	Punch Price	Die Part Number	Die Price	Dealer Code
-	-	308080900		318080900		T-7

For pricing and delivery information on non-stock sizes, consult our sales department.

Additional information for trouble shooting punch head breakage

Standard die clearance is 0.008 / 0.010 and not recommended for material heavier than 12ga.

For punching 1/8 or heavier material Roper Whitney recommends punches with heads being annealed or using punches with four eccentric slots for additional strength of punch head to avoid breakage when stripping.

Suggest die clearance of 15% to 20% of material thickness for best results.

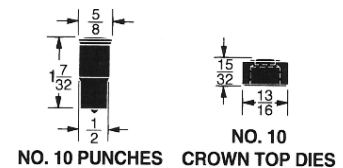
Style 8 Punch and Dies are also used on the 4 in one Multi-tool A.K.A. Hang Four Fabricator.

FOR PRICING and DELIVERY INFORMATION ON OTHER SPECIAL CONFIGURATION PUNCHES AND DIES NOT LISTED, CONSULT OUR SALES DEPARTMENT.

NO. 10 & 12 HAND PUNCHES



TYPE O Round Punches and Dies Standard Sizes



Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/16	0.063	300100063	310100063	200100063	T-7
5/64	0.078	300100078	310100078	200100078	T-7
3/32-42 DS	0.094	300100094	310100094	200100094	T-7
7/64	0.109	300100109	310100109	200100109	T-7
1/8	0.125	300100125	310100125	200100125	T-7
9/64-28 DS	0.141	300100141	310100141	200100141	T-7
5/32	0.156	300100156	310100156	200100156	T-7
11/64	0.172	300100172	310100172	200100172	T-7
3/16	0.188	300100188	310100188	200100188	T-7
13/64	0.203	300100203	310100203	200100203	T-7
7/32	0.219	300100219	310100219	200100219	T-7
15/64-A DS	0.234	300100234	310100234	200100234	T-7
1/4-E DS	0.250	300100250	310100250	200100250	T-7
17/64-H DS	0.266	300100266	310100266	200100266	T-7
9/32-K DS	0.281	300100281	310100281	200100281	T-7
19/64	0.297	300100297	310100297	200100297	T-7
5/16	0.313	300100313	310100313	200100313	T-7
21/64	0.328	300100328	310100328	200100328	T-7
11/32	0.344	300100344	310100344	200100344	T-7
23/64	0.359	300100359	310100359	200100359	T-7
3/8	0.375	300100375	310100375	200100375	T-7
25/34	0.391	300100391	310100391	200100391	T-7
13/32	0.406	300100406	310100406	200100406	T-7
27/64	0.422	300100422	310100422	200100422	T-7
7/16	0.438	300100438	310100438	200100438	T-7
29/64-11.5MM	0.453	300100453	310100453	200100453	T-7
15/32	0.469	300100469	310100469	200100469	T-7
31/64	0.484	300100484	310100484	200100484	T-7
1/2	0.500	300100500	310100500	200100500	T-7

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
33/64	0.516	300100516	310100516	200100516	T-7
17/32-13.5MM	0.531	300100531	310100531	200100531	T-7
35-64	0.547	300100547	310100547	200100547	T-7
9/16	0.563	300100563	310100563	200100563	T-7

Size Range	Standard Clearance
1/16 – 7/64	0.008
1/8 – 11/64	0.012
3/16 – 15/64	0.016
1/4 – 9/16	0.022

TYPE O

MIN. A: 0.031
MAX. A: 0.438



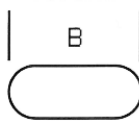
Prices for non-stock sizes (drill, millimeter, or fractional)
Determine the A dimension (diameter)

	Size Range	Coupling Nut Part Number (If Needed)	Dealer Code
A	0.063 – 0.125	331001011	T-5
A	0.126 – 0.500	331001011	T-5
A	0.501 – 0.531	331001033	T-5
A	0.532 – 0.563	331001034	T-5

PRICING FOR NON-STOCK SHAPES

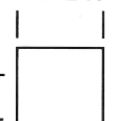
Size Range	Dealer Code
0.125 – 0.563	T-5

**OBTROUND
TYPE M**



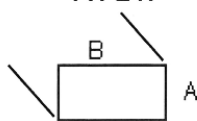
MAX .563

**SQUARE
TYPE R**



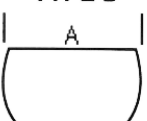
MAX .352

**RECTANGLE
TYPE N**



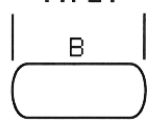
MAX .500

**SINGLE "D"
TYPE D**



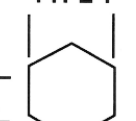
MAX .563

**DOUBLE "D"
TYPE P**



MAX .563

**HEXAGON
TYPE T**



MAX .432

**TRIANGLE
TYPE S**



MAX .421

SPECIFY POSTION OF THE GUIDE STRIPPER WHEN ORDERING

Note: When ordering irregular shaped punches and dies for these tools, a guide/stripper must also be ordered to maintain the critical alignment of the punch



**POSITION A
OPITIONAL**



**POSITION B
STANDARD**



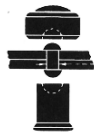
NOTE: Check coupling nut size required when ordering shapes

0.125 – 0.500 use 331001011 coupling nut

0.501 – 0.531 use 331001011 coupling nut

0.532 – 0.563 use 331001011 coupling nut

SPECIAL PURPOSE PUNCHES and DIES

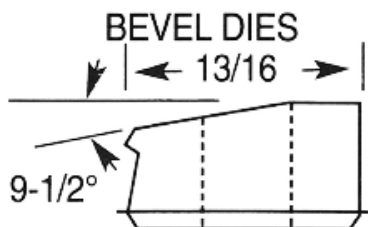


**RIVETING PUNCHES and DIES
STANDARD SIZES**

A DIMENSION = WIDTH OF TUBULAR RIVET

Fractional Size A	Decimal Equiv. A	Punch Part Number	Punch Price	Die Part Number	Die Price	Coupling Nut Part Number (If Needed)	Dealer Code
1/8	0.125	308100900		318100008		331001011	T-7
5/32	0.156	308100010		318100010		331001011	T-7
3/16	0.188	308100012		318100012		331001011	T-7
7/32	0.219	308100014		318100014		331001011	T-7
1/4	0.250	308100016		318100016		331001011	T-7

FOR PRICING and DELIVERY INFORAMTION ON OTHER SPECIAL CONFIGURATION PUNCHES AND DIES NOT LISTED, CONSULT OUR SALES DEPARTMENT.



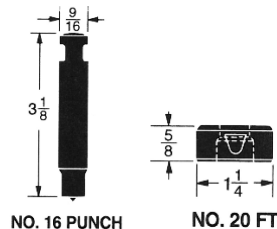
**Bevel Dies from
1/4" to 1/2"**

For I Beams	Dealer Code
	T-5

NO. 16 HAND PUNCH



TYPE O Round Punches and Dies
Standard Sizes



NO. 16 PUNCH

NO. 20 FT

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/16	0.063	300160063	310210063	200160063	T-7
5/64	0.078	300160078	310210078	200160078	T-7
3/32-42 DS	0.094	300160094	310210094	200160094	T-7
7/64	0.109	300160109	310210109	200160109	T-7
1/8	0.125	300160125	310210125	200160125	T-7
9/64-28 DS	0.141	300160141	310210141	200160141	T-7
5/32	0.156	300160156	310210156	200160156	T-7
11/64	0.172	300160172	310210172	200160172	T-7
3/16	0.188	300160188	310210188	200160188	T-7
13/64	0.203	300160203	310210203	200160203	T-7
7/32	0.219	300160219	310210219	200160219	T-7
15/64-A DS	0.234	300160234	310210234	200160234	T-7
1/4-E DS	0.250	300160250	310210250	200160250	T-7
17/64-H DS	0.266	300160266	310210266	200160266	T-7
9/32-K DS	0.281	300160281	310210281	200160281	T-7
19/64	0.297	300160297	310210297	200160297	T-7
5/16	0.313	300160313	310210313	200160313	T-7
21/64	0.328	300160328	310210328	200160328	T-7
11/32	0.344	300160344	310210344	200160344	T-7
23/64	0.359	300160359	310210359	200160359	T-7
3/8	0.375	300160375	310210375	200160375	T-7
25/34	0.391	300160391	310210391	200160391	T-7
13/32	0.406	300160406	310210406	200160406	T-7
27/64	0.422	300160422	310210422	200160422	T-7
7/16	0.438	300160438	310210438	200160438	T-7
29/64-11.5MM	0.453	300160453	310210453	200160453	T-7
15/32	0.469	300160469	310210469	200160469	T-7
31/64	0.484	300160484	310210484	200160484	T-7
1/2	0.500	300160500	310210500	200160500	T-7

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
33/64	0.516	300160516	310210516	200160516	T-7
17/32-13.5MM	0.531	300160531	310210531	200160531	T-7
35-64	0.547	300160547	310210547	200160547	T-7
9/16	0.563	300160563	310210563	200160563	T-7

Size Range	Standard Clearance
ALL SIZES	0.006

TYPE O

MIN. A: 0.031
MAX. A: 0.563



Prices for non-stock sizes (drill, millimeter, or fractional)
Determine the A dimension (diameter)

Size Range	Dealer Code
A 0.031 – 0.068	T-5
A 0.069 – 0.375	T-5
A 0.376 – 0.563	T-5

Punch prices with annealed heads.
Punch prices with four eccentric slots.

Dealer Code T-5
Dealer Code T-5

TYPE M STANDARD SIZE and CLEARANCE

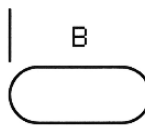
Fractional Size A x B	Decimal Equiv. A x B	Punch Part Number	Punch Price	Die Part Number	Die Price	Standard Clearance	Dealer Code
1/4 x 1/2	0.250 x 0.500	301161632		311211632			T-7

PRICING FOR NON-STOCK SHAPES

Size Range	Dealer Code
0.094 – 0.563	T-5

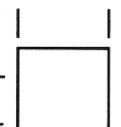
Width sizes under 0.063 add 50% to the punch and die.
Width sizes 0.63 thru 0.093 add 30% to the punch & die.

**OBROND
TYPE M**



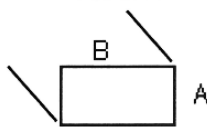
MAX .563

**SQUARE
TYPE R**



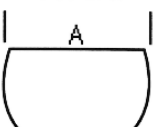
MAX .398

**RECTANGLE
TYPE N**



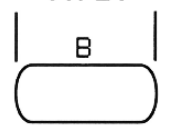
MAX .560

**SINGLE "D"
TYPE D**



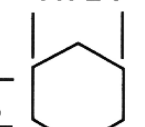
MAX .563

**DOUBLE "D"
TYPE P**



MAX .563

**HEXAGON
TYPE T**



MAX .485

**TRIANGLE
TYPE S**



MAX .469

Add \$9.00 to shape punches for annealed heads.

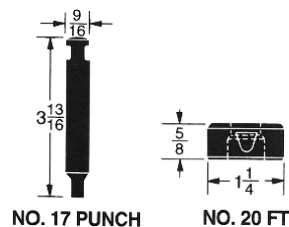
NOTE: to avoid punch head BREAKAGE use proper clearance in die.

Roper Whitney suggests to order punches with annealed heads when punching 1/8 thick material or heavier.

NO. 17 HAND PUNCH



TYPE O Round Punches and Dies Standard Sizes



NO. 17 PUNCH

NO. 20 FT

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/16	0.063	300170063	310210063	200170063	T-7
5/64	0.078	300170078	310210078	200170078	T-7
3/32-42 DS	0.094	300170094	310210094	200170094	T-7
7/64	0.109	300170109	310210109	200170109	T-7
1/8	0.125	300170125	310210125	200170125	T-7
9/64-28 DS	0.141	300170141	310210141	200170141	T-7
5/32	0.156	300170156	310210156	200170156	T-7
11/64	0.172	300170172	310210172	200170172	T-7
3/16	0.188	300170188	310210188	200170188	T-7
13/64	0.203	300170203	310210203	200170203	T-7
7/32	0.219	300170219	310210219	200170219	T-7
15/64-A DS	0.234	300170234	310210234	200170234	T-7
1/4-E DS	0.250	300170250	310210250	200170250	T-7
17/64-H DS	0.266	300170266	310210266	200170266	T-7
9/32-K DS	0.281	300170281	310210281	200170281	T-7
19/64	0.297	300170297	310210297	200170297	T-7
5/16	0.313	300170313	310210313	200170313	T-7
21/64	0.328	300170328	310210328	200170328	T-7
11/32	0.344	300170344	310210344	200170344	T-7
23/64	0.359	300170359	310210359	200170359	T-7
3/8	0.375	300170375	310210375	200170375	T-7
25/34	0.391	300170391	310210391	200170391	T-7
13/32	0.406	300170406	310210406	200170406	T-7
27/64	0.422	300170422	310210422	200170422	T-7
7/16	0.438	300170438	310210438	200170438	T-7
29/64-11.5MM	0.453	300170453	310210453	200170453	T-7
15/32	0.469	300170469	310210469	200170469	T-7
31/64	0.484	300170484	310210484	200170484	T-7
1/2	0.500	300170500	310210500	200170500	T-7

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
33/64	0.516	300170516	310210516	200170516	T-7
17/32-13.5MM	0.531	300170531	310210531	200170531	T-7
35-64	0.547	300170547	310210547	200170547	T-7
9/16	0.563	300170563	310210563	200170563	T-7

Size Range	Standard Clearance
ALL SIZES	0.006

TYPE O

MIN. A: 0.031

MAX. A: 0.563



Prices for non-stock sizes (drill, millimeter, or fractional)
Determine the A dimension (diameter)

Size Range	Dealer Code
A 0.031 – 0.068	T-5
A 0.069 – 0.375	T-5
A 0.376 – 0.563	T-5

Punch prices with annealed heads.
Punch prices with four eccentric slots.

Dealer Code T-5
Dealer Code T-5

TYPE M STANDARD SIZE and CLEARANCE

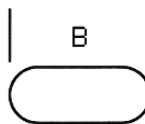
Fractional Size A x B	Decimal Equiv. A x B	Punch Part Number	Punch Price	Die Part Number	Die Price	Standard Clearance	Dealer Code
1/4 x 1/2	0.250 x 0.500	301171632		311211632		0.006	T-7

PRICING FOR NON-STOCK SHAPES

Size Range	Dealer Code
0.094 – 0.563	T-5

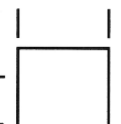
Width sizes under 0.063 add 50% to the punch and die.
Width sizes 0.63 thru 0.093 add 30% to the punch & die.

OBROUND TYPE M



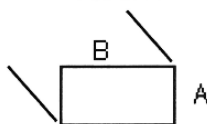
MAX .563

SQUARE TYPE R



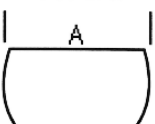
MAX .398

RECTANGLE TYPE N



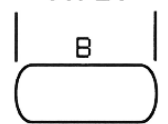
MAX .560

SINGLE "D" TYPE D



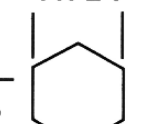
MAX .563

DOUBLE "D" TYPE P



MAX .563

HEXAGON TYPE T



MAX .485

TRIANGLE TYPE S



MAX .469

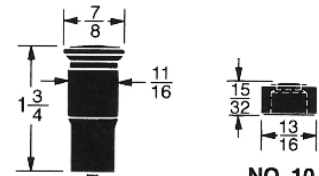
NOTE: to avoid punch head BREAKAGE use proper clearance in die.

Roper Whitney suggests to order punches with annealed heads when punching 1/8 thick material or heavier.

NO. CTL 20 HAND PUNCH



TYPE O Round Punches and Dies Standard Sizes



NO. 20 PUNCH NO. 10 CROWN TOP DIES

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/8	0.125	300200125	310100125	200110125	T-7
9/64-28 DS	0.141	300200141	310100141	200110141	T-7
5/32	0.156	300200156	310100156	200110156	T-7
11/64	0.172	300200172	310100172	200110172	T-7
3/16	0.188	300200188	310100188	200110188	T-7
13/64	0.203	300200203	310100203	200110203	T-7
7/32	0.219	300200219	310100219	200110219	T-7
15/64-A DS	0.234	300200234	310100234	200110234	T-7
1/4-E DS	0.250	300200250	310100250	200110250	T-7
17/64-H DS	0.266	300200266	310100266	200110266	T-7
9/32-K DS	0.281	300200281	310100281	200110281	T-7
19/64	0.297	300200297	310100297	200110297	T-7
5/16	0.313	300200313	310100313	200110313	T-7
21/64	0.328	300200328	310100328	200110328	T-7
11/32	0.344	300200344	310100344	200110344	T-7
23/64	0.359	300200359	310100359	200110359	T-7
3/8	0.375	300200375	310100375	200110375	T-7
25/34	0.391	300200391	310100391	200110391	T-7
13/32	0.406	300200406	310100406	200110406	T-7
27/64	0.422	300200422	310100422	200110422	T-7
7/16	0.438	300200438	310100438	200110438	T-7
29/64-11.5MM	0.453	300200453	310100453	200110453	T-7
15/32	0.469	300200469	310100469	200110469	T-7
31/64	0.484	300200484	310100484	200110484	T-7
1/2	0.500	300200500	310100500	200110500	T-7

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number		Die Part Number		Set Part Number		Dealer Code
33/64	0.516	300200516		310100516		200110516		T-7
17/32-13.5MM	0.531	300200531		310100531		200110531		T-7
35-64	0.547	300200547		310100547		200110547		T-7
9/16	0.563	300200563		310100563		200110563		T-7

Size Range	Standard Clearance
1/8 - 11/64	0.012
3/16 - 15/64	0.016
1/4 - 9/16	0.022

TYPE O

MIN. A: 0.125
MAX. A: 0.563



Prices for non-stock sizes (drill, millimeter, or fractional)
Determine the A dimension (diameter)

Size Range	(Specify Clearance)	Die Price	Coupling Nut Part Number (If Needed)	Dealer Code
A	0.125 - 0.563		331002011	T-5

PRICING FOR NON-STOCK SHAPES

Size Range	Dealer Code
0.125 - 0.563	T-5

OBROUND TYPE M	SQUARE TYPE R	RECTANGLE TYPE N	SINGLE "D" TYPE D	DOUBLE "D" TYPE P	HEXAGON TYPE T	TRIANGLE TYPE S
MAX .563	MAX .352	MAX .500	MAX .563	MAX .563	MAX .432	MAX .421

SPECIFY POSTION OF THE GUIDE STRIPPER WHEN ORDERING

Note: When ordering irregular shaped punches and dies for these tools, a guide/stripper must also be ordered to maintain the critical alignment of the punch

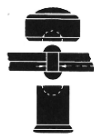
POSITION A
OPITIONAL

POSITION B
STANDARD



SPECIAL PURPOSE PUNCHES and DIES

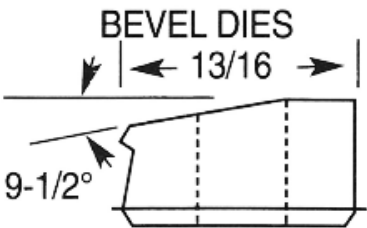
RIVETING PUNCHES and DIES STANDARD SIZES



A DIMENSION = WIDTH OF TUBULAR RIVET

Fractional Size A	Decimal Equiv. A	Punch Part Number	Die Part Number	Coupling Nut Part Number (If Needed)	Dealer Code
1/8	0.125	308200900	318100008	331002011	T-7
5/32	0.156	308200010	318100010	331002011	T-7
3/16	0.188	308200012	318100012	331002011	T-7
7/32	0.219	308200014	318100014	331002011	T-7
1/4	0.250	308200016	318100016	331002011	T-7

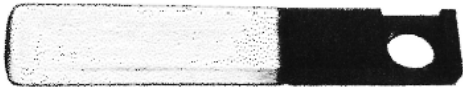
FOR PRICING and DELIVERY INFORAMTION ON OTHER SPECIAL CONFIGURATION PUNCHES AND DIES NOT LISTED, CONSULT OUR SALES DEPARTMENT.



Bevel Dies from
1/4" to 1/2"

For I Beams	Dealer Code
	T-5

NOTE: To avoid damage to coupling nut & spindle use proper wrench size



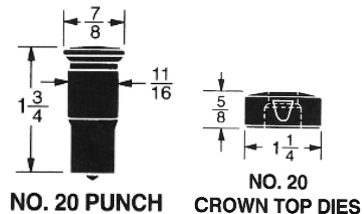
Left Hand
Threads

Coupling Nut Wrench	Dealer Code
330000520	T-8

NO. 20 HAND PUNCH



TYPE O Round Punches and Dies Standard Sizes



Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
1/8	0.125	300200125	310200125	200200125	T-7
9/64-28 DS	0.141	300200141	310200141	200200141	T-7
5/32	0.156	300200156	310200156	200200156	T-7
11/64	0.172	300200172	310200172	200200172	T-7
3/16	0.188	300200188	310200188	200200188	T-7
13/64	0.203	300200203	310200203	200200203	T-7
7/32	0.219	300200219	310200219	200200219	T-7
15/64-A DS	0.234	300200234	310200234	200200234	T-7
1/4-E DS	0.250	300200250	310200250	200200250	T-7
17/64-H DS	0.266	300200266	310200266	200200266	T-7
9/32-K DS	0.281	300200281	310200281	200200281	T-7
19/64	0.297	300200297	310200297	200200297	T-7
5/16	0.313	300200313	310200313	200200313	T-7
21/64	0.328	300200328	310200328	200200328	T-7
11/32	0.344	300200344	310200344	200200344	T-7
23/64	0.359	300200359	310200359	200200359	T-7
3/8	0.375	300200375	310200375	200200375	T-7
25/34	0.391	300200391	310200391	200200391	T-7
13/32	0.406	300200406	310200406	200200406	T-7
27/64	0.422	300200422	310200422	200200422	T-7
7/16	0.438	300200438	310200438	200200438	T-7
29/64-11.5MM	0.453	300200453	310200453	200200453	T-7
15/32	0.469	300200469	310200469	200200469	T-7
31/64	0.484	300200484	310200484	200200484	T-7
1/2	0.500	300200500	310200500	200200500	T-7

Fractional, Drill, or Millimeter A	Decimal Equiv. A	Punch Part Number	Die Part Number	Set Part Number	Dealer Code
33/64	0.516	300200516	310200516	200200516	T-7
17/32-13.5MM	0.531	300200531	310200531	200200531	T-7
35-64	0.547	300200547	310200547	200200547	T-7
9/16	0.563	300200563	310200563	200200563	T-7
37/64	0.578	300200578	310200578	200200578	T-7
19/32	0.594	300200594	310200594	200200594	T-7
39/64	0.609	300200609	310200609	200200609	T-7
5/8	0.625	300200625	310200625	200200625	T-7
41/64	0.641	300200641	310200641	200200641	T-7
21/32	0.656	300200656	310200656	200200656	T-7
43/64	0.672	300200672	310200672	200200672	T-7
11/16	0.688	300200688	310200688	200200688	T-7
45/64	0.703	300200703	310200703	200200703	T-7
23/32	0.719	300200719	310200719	200200719	T-7
47/64	0.734	300200734	310200734	200200734	T-7
3/4	0.750	300200750	310200750	200200750	T-7
49/64	0.766	300200766	310200766	200200766	T-7
25/32	0.781	300200781	310200781	200200781	T-7
51/64	0.797	300200797	310200797	200200797	T-7
13/16	0.813	300200813	310200813	200200813	T-7

Size Range	Standard Clearance
1/8 – 23/64	0.026
3/8 – 13/16	0.038

TYPE O

MIN. A: 0.125
MAX. A: 0.813



Prices for non-stock sizes (drill, millimeter, or fractional)
Determine the A dimension (diameter)

Size Range	(Specify Clearance) Die Price	Coupling Nut Part Number (If Needed)	Dealer Code
A 0.125 – 0.563		331002011	T-5
A 0.689 – 0.750		331002025	T-5
A 0.751 – 0.813		331002035	T-5



NO. 20 HAND PUNCH

PRICING FOR NON-STOCK SHAPES

Size Range			Dealer Code
0.125 - 0.563			T-5

Size range 0.125 thru 0.688 use coupling nut 331002011

Size range 0.689 thru 0.750 use coupling nut 331002025

Size range 0.751 thru 0.813 use coupling nut 331002035

OBROUND TYPE M	SQUARE TYPE R	RECTANGLE TYPE N	SINGLE "D" TYPE D	DOUBLE "D" TYPE P	HEXAGON TYPE T	TRIANGLE TYPE S
MAX .813	MAX .574	MAX .810	MAX .813	MAX .813	MAX .703	MAX .688

SPECIFY POSTION OF THE GUIDE STRIPPER WHEN ORDERING

Note: When ordering irregular shaped punches and dies for these tools, a guide/stripper must also be ordered to maintain the critical alignment of the punch



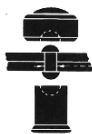
POSITION A
OPITIONAL



POSITION B
STANDARD



SPECIAL PURPOSE PUNCHES and DIES



RIVETING PUNCHES and DIES
STANDARD SIZES

A DIMENSION = WIDTH OF TUBULAR RIVET

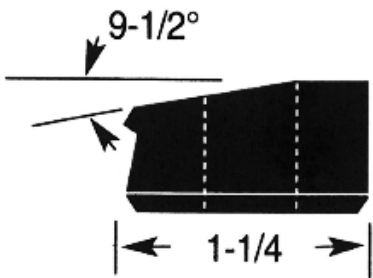
Fractional Size A	Decimal Equiv. A	Punch Part Number	Die Part Number	Coupling Nut Part Number (If Needed)	Dealer Code
1/8	0.125	308200900	318200008	331002011	T-7
5/32	0.156	308200010	318200010	331002011	T-7
3/16	0.188	308200012	318200012	331002011	T-7
7/32	0.219	308200014	318200014	331002011	T-7
1/4	0.250	308200016	318200016	331002011	T-7
9/32	0.281	308200018	318200018	331002011	T-7
5/16	0.313	308200020	318200020	331002011	T-7
11/32	0.344	308200022	318200022	331002011	T-7
3/8	0.375	308200024	318200024	331002011	T-7

FOR PRICING and DELIVERY INFORAMTION ON OTHER SPECIAL CONFIGURATION PUNCHES AND DIES NOT LISTED, CONSULT OUR SALES DEPARTMENT.



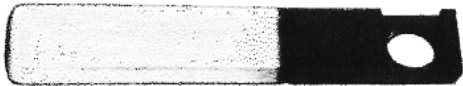
NO. 20 HAND PUNCH

BEVEL DIES Round



Size Range	Dealer Code
0.126 – 0.813	T-5

NOTE: To avoid damage to coupling nut & spindle use proper wrench size



Left Hand
Threads

Coupling Nut Wrench	Dealer Code
330000520	T-8



Roper Whitney Standard Terms and Conditions Ordering Information-

- Terms:** All prices net, F.O.B. Factory
- Weights:** All weights listed are shipping weights
- Order Changes:** No purchase order changes will be allowed after order has been processed by our order entry department except to correct an address or cancel the order. If changes are necessary a new purchase order must be entered.
- Cancellations:** Purchaser may cancel an order which has been accepted by the Manufacturer, without penalty, five days before the scheduled ship dates. Orders cancelled between five days prior and the scheduled ship date will be subject to a 20% restocking fee. Orders may not be cancelled once the product has been shipped.
- Claims:** All claims for shortages must be made within 10 days of invoice dates.
- Quotations:** Phone quotations are effective only if confirmed prior to shipment. All quotations must be in writing and are effective for 30 days only.
- Ordering Rules:** BEFORE PLACING AN ORDER, BE SURE TO OBSERVE THE FOLLOWING RULES TO SAVE TIME AND COST OF PHONE CALLS OR CORRESPONDANCE.
- Punching Tools
 - Thickness of materials
 - Type of material
 - Location of hole in material
 - Shearing Tools
 - Thickness of material
 - Width of material
 - Length of material
 - Type of material
 - Parts
 - The model number and serial number of the machine or tool.
 - Shipping Instructions
 - Be sure to advise method of shipping
 - All orders will be shipped UPS, Parcel post, or Motor Freight unless otherwise indicated.

Return Merchandise Policy: The following is Roper Whitney's policy on merchandise returned.

- Merchandise returned will not be accepted without written authorization and authorized RGA# on the outer label.
- Merchandise will not be accepted if the merchandise is not properly packed.
- Credit will not be allowed on merchandise that has been used or has been damaged as outlined in our Standard Warranty and subject to our inspection.
- All shipments to Roper Whitney must be shipped prepaid unless prior authorization has been issued.
- A restocking charge will be assessed on returned goods.
- Tools and machines returned to the factory for repairs will not be accepted unless formal purchase order accompanies or precedes tool or machine. If the tool or machine will require extensive repairs, the factory will notify customer of the approximate cost of such repairs. Authorization for the repairs must be received by the factory before the necessary repairs will be made. Minor repairs will be made by the factory without notification to the customer. Units considered non repairable by the factory will be scrapped within 30 days unless return is requested in advance.
- All return claims must be made within 30 days after receipt of goods.